



PRESS RELEASE

For more information contact:

Prosperity Bancshares, Inc.[®]
Prosperity Bank Plaza
4295 San Felipe
Houston, Texas 77027

Cullen Zalman
Senior Vice President
281.269.7199

cullen.zalman@prosperitybankusa.com

FOR IMMEDIATE RELEASE

PROSPERITY BANCSHARES, INC.[®] ANNOUNCES STOCK REPURCHASE PROGRAM

HOUSTON, January 16, 2024. Prosperity Bancshares, Inc.[®] (the “Company”) (NYSE: PB), the parent company of Prosperity Bank[®], today announced that its Board of Directors authorized a stock repurchase program under which the Company may repurchase up to 5%, or approximately 4.7 million shares, of its outstanding common stock over a one-year period expiring on January 16, 2025, at the discretion of management.

Repurchases under this program may be made from time to time in open market transactions, and pursuant to any trading plan that may be adopted in accordance with Rule 10b5-1 of the Securities Exchange Act of 1934, as amended. Repurchases under this program also may be made in transactions outside the safe harbor provided by Rule 10b-18 during a pending merger, acquisition or similar transaction. The timing and actual number of shares repurchased will depend on a variety of factors including price, corporate and regulatory requirements, market conditions, and other corporate liquidity requirements and priorities. Any repurchased shares will be held by the Company as authorized but unissued shares.

The repurchase program does not obligate the Company to purchase any particular number of shares and there is no guarantee as to the exact number of shares that will be repurchased by the Company. The Company may suspend, modify or terminate the program at any time and for any reason, without prior notice.

Prosperity Bancshares, Inc.[®]

As of September 30, 2023, Prosperity Bancshares, Inc.[®] is a \$39.296 billion Houston, Texas based regional financial holding company providing personal banking services and investments to consumers and small to medium sized businesses throughout Texas and Oklahoma. Founded in 1983, Prosperity believes in a community banking philosophy, taking care of customers, businesses, and communities in the areas it serves by providing financial solutions to simplify everyday financial needs. In addition to offering traditional deposit and loan products, Prosperity offers digital banking solutions, credit and debit cards, mortgage services, retail brokerage services, trust and wealth management, and cash management.

Prosperity currently operates 285 full-service banking locations: 65 in the Houston area, including The Woodlands; 30 in the South Texas area including Corpus Christi and Victoria; 62 in the Dallas/Fort Worth area; 22 in the East Texas area; 32 in the Central Texas area including Austin and San Antonio; 44 in the West Texas area including Lubbock, Midland-Odessa, Abilene, Amarillo and Wichita Falls; 16 in the Bryan/College Station area, 6 in the Central Oklahoma area; and 8 in the Tulsa, Oklahoma area.

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Cautionary Notes on Forward-Looking Statements

“Safe Harbor” Statement under the Private Securities Litigation Reform Act of 1995: This release contains forward-looking statements within the meaning of the federal securities laws, including Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements are typically, but not exclusively, identified by the use in the statements of words or phrases such as “aim,” “anticipate,” “estimate,” “expect,” “goal,” “guidance,” “intend,” “is anticipated,” “is expected,” “is intended,” “objective,” “plan,” “projected,” “projection,” “will affect,” “will be,” “will continue,” “will decrease,” “will grow,” “will impact,” “will increase,” “will incur,” “will reduce,” “will remain,” “will result,” “would be,” variations of such words or phrases (including where the word “could,” “may,” or “would” is used rather than the word “will” in a phrase) and similar words and phrases indicating that the statement addresses some future result, occurrence, plan or objective. Forward-looking statements include all statements other than statements of historical fact, including forecasts or trends, and are based on current expectations, assumptions, estimates and projections about Prosperity Bancshares and its subsidiaries. These forward-looking statements may include information about Prosperity’s possible or assumed future economic performance or future results of operations, including future revenues, income, expenses, provision for loan losses, provision for taxes, effective tax rate, earnings per share and cash flows and Prosperity’s future capital expenditures and dividends, future financial condition and changes therein, including changes in Prosperity’s loan portfolio and allowance for loan losses, future capital structure or changes therein, as well as the plans and objectives of management for Prosperity’s future operations, future or proposed acquisitions, the future or expected effect of acquisitions on Prosperity’s operations, results of operations, financial condition, and future economic performance, statements about the anticipated benefits of the proposed transaction with Lone Star State Bancshares, Inc., and statements about the assumptions underlying any such statement. These forward-looking statements are not guarantees of future performance and are subject to risks and uncertainties, many of which are outside of Prosperity’s control, which may cause actual results to differ materially from those expressed or implied by the forward-looking statements. These risks and uncertainties include but are not limited to whether Prosperity can: successfully identify acquisition targets and integrate the businesses of acquired companies and banks; continue to sustain its current internal growth rate or total growth rate; provide products and services that appeal to its customers; continue to have access to debt and equity capital markets; and achieve its sales objectives. Other risks include, but are not limited to: the possibility that credit quality could deteriorate; actions of competitors; changes in laws and regulations (including changes in governmental interpretations of regulations and changes in accounting standards); the possibility that the anticipated benefits of an acquisition transaction are not realized when expected or at all, including as a result of the impact of, or problems arising from, the integration of

two companies or as a result of the strength of the economy and competitive factors generally; a deterioration or downgrade in the credit quality and credit agency ratings of the securities in Prosperity's securities portfolio; customer and consumer demand, including customer and consumer response to marketing; effectiveness of spending, investments or programs; fluctuations in the cost and availability of supply chain resources; economic conditions, including currency rate, interest rate and commodity price fluctuations; and weather. These and various other factors are discussed in Prosperity Bancshares' Annual Report on Form 10-K for the year ended December 31, 2022 and other reports and statements Prosperity Bancshares has filed with the Securities and Exchange Commission ("SEC"). Copies of the SEC filings for Prosperity Bancshares may be downloaded from the Internet at no charge from <http://www.prosperitybankusa.com>.